

# **Utah Climatic Summary June 2014**











# Here's a look at precipitation reports for the month of June:

Station	Precipitation	Snowfall	<b>Normal Pcpn</b>	Percent of Normal
Alpine	0.96	-	1.11	86
Alta	2.42	17.0	2.26	107
Altamont	0.20	-	-	-
Alton	0.00	-	0.49	0
Bear Lake S.P.	0.87	-	-	-
Big Water	0.00	-	0.25	0
Bountiful Bench	1.35	-	-	-
Bountiful-Val Verda	1.53	-	1.37	112
Brigham City	0.92	-	1.14	81
Bryce Canyon	0.00	-	0.58	0
Bullfrog Basin	0.00	-	0.14	0
Capitol Reef Nat'l Park	0.05	-	0.45	11
Castle Dale	0.02	-	0.49	4
Cedar City Airport	Trace	-	0.53	0
Centerville	1.41	-	-	-
City Creek	1.26	-	1.65	76
Clearfield	1.67	-	-	-
Cottonwood Weir	1.67	-	1.54	108
Cutler Dam	0.94	-	1.21	78
Deer Creek Dam	0.35	-	1.30	27
Duchesne	0.02	-	0.77	3
Echo Dam	1.84	-	1.28	144
Eden 2N	1.72	-	-	-
Escalante	0.00	-	0.46	0
Ferron	Trace	-	0.52	0
Fillmore	0.50	-	0.91	55
Fremont Indian S.P.	0.02	-	0.72	3
Garfield	0.85	-	1.16	73

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Hans Flat	Trace	-	0.47	0
Hatch	0.00	-	0.49	0
Helper-Carbon	0.00	-	0.70	0
Kanab	Trace	-	0.34	0
Kodachrome Basin	Trace	-	0.38	0
Laketown	1.14	-	1.05	109
Levan	0.25	-	0.87	29
Loa	0.00	-	0.69	0
Logan USU	0.96	-	1.36	71
Manti	0.77	-	1.03	75
Milford	0.00	-	0.58	0
Neola	0.02	-	0.69	3
Nephi	0.22	-	0.96	23
Ogden NE Bench	1.48	-	-	-
Panguitch	0.01	-	0.53	2
Pineview Dam	1.49	-	1.81	82
Randolph	1.15	-	1.12	103
Richfield	0.05	-	0.66	8
Richmond	1.81	-	1.39	130
Salt Lake Int'l Airport	1.20	-	0.98	122
Salt Lake Triad Center	0.73	-	1.13	65
Santaquin	0.52	-	1.09	48
Scofield-Skyline Mine	0.27	2.0	-	-
South Ogden	1.57	-	-	-
South Salt Lake	0.90	-	-	-
Snyderville	1.09	2.0	-	-
Spanish Fork	0.46	-	1.21	38
Stansbury Park	0.59	-	-	-
Trenton	2.02	-	1.25	162
Upper Millcreek	1.15	-	-	-
Utah Lake Lehi	0.77	-	0.79	97
Wanship Dam	1.01	-	1.23	82
Weber Basin Pump 3	1.47	-	1.82	81
Wellington 3 E	Trace	-	0.57	0
Woodruff	1.12	Trace	1.06	106

**Jun 8th -** Isolated thunderstorms developed over portions of the Uinta Mountains and Uinta Basin during the afternoon. A couple of these storms became strong to severe with large hail reported in Bluebell and marble-size hail in Myton.



Above: Large hail from isolated strong thunderstorm in Bluebell near south slopes of the Uinta Mountains.

**Jun 10th -** Dry thunderstorms produced <u>microburst</u> winds across much of the Beehive State. The strongest gusts were generally across the western deserts and valleys.

Peak Wind Gusts (MPH)

#### White Sage Silver Creek Jct. 76 **Durand Road** 73 77 Vernon Hill 68 Fish Springs 64 Juliet Road 61 59 58 I-15 @ Beer Creek 56 Simpson Springs Callao Gate 55 Saratoga Springs 55 55 Dugway Causeway English Village 54 Lower Cedar Mtn 53 Mountain View 52 SR-248 52 Soldier Summit 52 Price 52 I-15 @ Sevier River 52 Mud Spring 52 Salt Flats 51 Sundance-Arrowhead **Tower Grid** 51 Horizontal Grid 50 49 Dry Ridge 49 U.S. 6 @ Eureka 49 Five Mile 48 **Pioneer Crossing** 47 Nephi 47 Faust-Clell Lee 46 Trans-Jordan Landfill 46 Milford 46 I-15 @ Provo 45 44 Ogden Peak 45 Oak City 44 U.S. 6 @ Helper Rattlesnake Bench 43 Kimball Junction 43 Point of the Mountain 41 Brimstone Reservoir 41 Lofgreen 40 I-15 @ Orem 40

Jun 12th - Microburst winds from mostly dry thunderstorms produced areas of blowing dust across northern and central Utah. There was just enough moisture for some of these storms to drop spotty rain showers, especially over the higher terrain.



Above (Left): Virga shaft near Saratoga Springs. (Right): Dust wall along a gust front in Davis County.

# Precipitation Totals (inches)



Lost Creek/Croyden	0.19	Yellowstone Drainage	0.15	Chepeta	0.12
Flattop Mountain	0.11	Manti	0.09	Moon Lake	0.08
Rays Valley	0.08	Sundance-Mid Mtn	0.07	Centerville	0.06
Bountiful Bench	0.03	Draper	0.03	Blacktail	0.03
Joes Valley Reservoir	0.02	Layton	0.02	Tooele	0.02
Grantsville	0.02	Saratoga Springs	0.02	Duchesne	0.02
Alta	0.02	Clifton Flat	0.02	Kaysville	0.01
Hanna	0.01	Torrey	0.01	Green River	0.01

# Peak Wind Gusts (MPH)



Ogden Peak	72	Snowbasin-Straw Top	71	Powder Mountain	66
Snowbasin-Wildcat	66	I-15 @ Plymouth	63	Tooele	61
SR-16 @ MP1	61	I-80 @ MP 29	60	Deer Valley-Bald Eagle	58
Grantsville 2W	57	SR-30 @ Curlew	57	SR-248	57
West of Wildcat	56	Sundance-Arrowhead	56	Ogden Airport	54
Hill A.F.B.	54	Flux	53	I-15 @ Provo	53
Utah Test Range	53	Parleys Canyon	53	Centerville	52
Legacy Parkway	52	Baccus Highway	52	Buffalo Jump	52
GSL Marina	50	Vernon	50	Groome	50
Red Spur	50	South Mountain	48	Pioneer Crossing	48
Riverside	47	University of Utah	47	Trappers Loop Road	47
Milford Airport	47	South Ogden	45	Salt Lake Int'l Airport	45
West Ogden	45	Wasatch Hills	45	Sherwood Hills	45
Farmington	44	Erda Airport	44	Lofgreen	44
Snowville	43	Weber Canyon Power	43	Tremonton	43
Eureka	43	Ogden	43	Syracuse	43
Riverdale	43	I-15 @ Willard POE	42	Brimstone Reservoir	42
Harrisville	41	Saratoga Springs	41	Clearfield	40
Olympus Hills	40	Tickville	40	Randolph	40
Park City	40	Sevier Reservoir	40	I-15 @ Scipio Summit	40

**Jun 16th-18th -** A cold and moist storm system brought widespread valley rain and mountain snow to much of the Beehive State. This unseasonably cold system dropped the snow level to 6000 feet across northern Utah, with nearly a foot of snow over the higher elevations. Over an inch of rain fell across the Wasatch Front, providing much needed moisture for what had been a pretty dry start to the summer months. A funnel cloud was even observed near Willard Bay late in the morning on the 17th.









Top (Left): Heavy snowfall at Solitude. (Right): Several inches of fresh snow near the town of Wanship. Bottom (Left): Fresh snowfall at Snowbasin. (Right): A <u>cold air funnel cloud</u> hovering above Willard Bay.

## **Precipitation Totals (inches)**



Mill-D North	1.60	Summit Park	1.37	Weber River/Echo Dam	1.36
Alta-Collins	1.32	Cottonwood Heights	1.23	Brigham City	1.22
Steel Creek Park	1.20	Swansons Env Center	1.20	Huntsville 7 NE	1.20
Silver Lake Brighton	1.20	Beus Canyon	1.17	Pineview Dam	1.15
Blacksmith Fork	1.14	NE Ogden Bench	1.07	West Point	1.06
Lost Creek/Croyden	1.06	Eden	1.05	Salt Lake City	1.03
Ogden Airport	1.02	Snowbird	1.00	West Haven	1.00
Park City	0.99	Sandy	0.97	Hill A.F.B.	0.97
North Ogden	0.96	Mantua	0.96	Hardware Ranch	0.94
Huntsville	0.93	South Ogden	0.93	Holladay	0.91
Lightning Ridge	0.90	Roy	0.90	Clearfield	0.89
South Weber	0.89	Bountiful-Val Verda	0.89	Harrisville	0.88
Clinton	0.88	Ogden	0.88	Bountiful	0.88
Centerville	0.87	Randolph	0.86	Layton	0.85
Farmington	0.85	Kaysville	0.83	Alpine	0.82
Bountiful Bench	0.81	Olympus Cove	0.79	Laketown	0.79

Tooele	0.78	Rocky	0.77	South Salt Lake	0.76
Providence	0.75	Lehi	0.75	Pleasant Grove	0.74
SLC Upper Avenues	0.74	Perry	0.74	Logan Radio	0.73
Olympus Hills	0.73	G.S.L. Marina	0.72	Taylorsville	0.71
Monte Cristo	0.70	Hills	0.68	Richmond	0.67
Draper	0.66	American Fork	0.64	Morgan	0.63
Grantsville 2 W	0.60	Magna	0.60	Salt Lake Int'l Airport	0.59
Tickville	0.58	Garden City	0.57	South Jordan	0.57
Mendon	0.56	Saratoga Springs	0.56	Blue Creek	0.54
Hyde Park	0.53	Richmond	0.52	Bothwell	0.52
Oak City	0.52	Aspen Mountain	0.51	Thaynes Canyon	0.50
Lewiston	0.47	Orem	0.43	Wanship Dam	0.41
Snowville	0.41	Spanish Fork	0.37	Lindon	0.32
Delta	0.31	Milford	0.31	Sutherland	0.30
Oak Creek	0.30	Deer Creek Dam	0.30	Nephi	0.25
Spring City	0.20	Takka Wiiya	0.20	Flowell	0.11
Snowfall Totals (inche	s)				
Alta	9.0	Silver Lake Brighton	6.0	Summit Park	3.5
Peak Wind Gusts (MPH	I) 🏂 🚜				
Huntington	71	Dry Ridge	67	Chepeta	67
Romeo & Centerline	66	Baker Lab	64	Signal Peak	63
Moab Fuels	61	Deer Valley-Baldy	59	Vernon Hill	58
Camel Back Mountain	58	US-40 @ Starvation	58	Boulder Summit	58
Eureka	58	Fish Springs	58	Milford Airport	56
Five Mile	55	I-15 @ Black Ridge	55	English Village	55
White Reef	55	Rattlesnake Bench	54	Durand Road	54
Fremont Junction	54	Sevier Reservoir	54	Telegraph Flat	54
Bryce Canyon Airport	53	Price Airport	53	SR-24 Wayne Summit	53
Gunnison Island	52	Badger Spring	50	Torrey	50
West Granite	50	Horse Ridge	50	Cedar City Airport	48
Richfield Airport	47	Torrey	47	Soldier Summit	47
St. George Airport	46	Bullfrog Marina	46	US 6 @ Helper	46
Saratoga Springs	45	Enterprise	45	I-15 @ Willard POE	43

**Jun 26th-27th -** Scattered thunderstorms developed over much of the Beehive State over a 2-day period, with some storms dumping heavy rain. Gusty winds also accompanied a few of the storms, especially across the west deserts.





Above (Left): Ponding water on I-215 in Salt Lake City. (Right): Thunderstorm over the Cache Valley.



Above (Left): Rain shaft from a thunderstorm in Logan (Right): Heavy rain over Hill AFB from South Ogden

# Precipitation Totals (inches)



Clearfield UDOT	1.05	Smithfield	0.87	Lewiston	0.87
Cottonwood Heights	0.86	Bountiful Bench	0.71	Beus Canyon	0.71
Weber River/Echo Dam	0.69	Layton	0.69	Lost Creek/Croyden	0.64
South Ogden	0.64	Garden City	0.63	Lehi	0.61
Salt Lake Int'l Airport	0.61	Bountiful-Val Verda	0.59	West Point	0.57
South Weber	0.56	Kaysville	0.55	Randolph	0.54
Roy	0.53	Sandy	0.52	Huntsville 7 NE	0.52
Centerville	0.50	Clinton	0.49	Summit Park	0.49
Fruit Heights	0.47	Tooele	0.47	Bountiful	0.45
Holladay	0.45	NE Ogden Bench	0.45	Red Spur	0.45
Farmington	0.43	Weber River/Morgan	0.42	Olympus Cove	0.42
Laketown	0.37	Harrisville	0.35	Magna	0.35
Randolph	0.35	Olympus Hills	0.34	SLC Upper Avenues	0.33
Huntsville	0.32	Brigham City	0.30	Fillmore	0.30
Richmond	0.29	Ogden Airport	0.29	North Holladay	0.28
Logan Golf	0.28	Wellsville	0.27	Upper Millcreek	0.27
Spanish Fork	0.25	West Valley City	0.25	Flowell	0.24
Hyde Park	0.22	Alta	0.19	Providence	0.16
Saratoga Springs	0.12	Alpine	0.10	Manti	0.10

# Peak Wind Gusts (MPH)



Wendover Airport	68	Ogden Peak	61	Dry Ridge	61
I-80 @ MP 1	57	Signal Peak	57	Portable RWIS 5	57
Boulder Summit	56	Vernon Hill	56	Rattlesnake Bench	54
Salt Flats	52	Scipio Summit	51	Upper Cedar Mtn	50
Wendover POE	50	Powder Mountain	50	Saratoga Springs	49
Parleys Summit	48	Deer Valley-Empire	47	Potable RWIS 4	47
South Ogden	45	Horse Ridge	45	Joes Valley	45
I-80 @ Silver Creek Jct	44	US-40 @ Starvation	44	U.S. 6 @ Eureka	44
Weber Canyon PP	43	Hill A.F.B.	43	Lake Point	43
Flight Park South	42	G.S.L. Marina	42	Wasatch Hills	42
Oak City	42	Telegraph Flat	42	Olympus Hills	41
Alpine	41	Torrey	41	Bullfrog Marina	41
Milford Airport	41	I-15 @ Sevier River	41	US 6 @ Helper	40
Sevier Reservoir	40	Brimstone Reservoir	40	Brian Head 2 S	40



# **High Temperature Records For the Month of June:**



**Jun 3rd** - Record high minimum temperatures Salt Lake Int'l Airport 67 (66/1894) and Ferron 61 (59/1968).

Jun 11th - Bountiful-Val Verda set a record high maximum at 94 degrees (92/1996).

Jun 12th - Bountiful-Val Verda set a record high maximum at 94 degrees (89/1991).

Jun 13th - Bountiful-Val Verda tied their record high minimum of 67 degrees (67/2006).







**Jun 17th** - Record low minimum temperatures were set at Grantsville 58 (68/2010), Pine View Dam 47 (52/1998) and Randolph 42 (48/1998).

**Jun 18th** - Grantsville set a record low minimum temperature at 66 degrees (68/2010).

**Jun 19th** - Record low minimum temperatures were set at Bountiful-Val Verda 45 (47/1996), Grantsville 50 (54/2005) and Randolph 28 (29/2001).

#### THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF JUNE 2014

CLIMATE NORMAL PERIOD 1981 TO 2010 CLIMATE RECORD PERIOD 1874 TO 2013



WEATHER	OBSERVE		NORMAL	DEPART		
	VALUE	DATE(S)	VALUE	FROM NORMAL	VALUE	DATE(S)
TEMPERATURE	(F)					
RECORD						
HIGH	105		13, 06/28/20		07	
LOW	35	06/07/196	52, 06/02/19	954, 06/05/19	3/	
HIGHEST	95	06/24			105	06/29, 06/28
LOWEST	41	06/18			48	06/01
AVG. MAXIMUM	1 82.6		83.0	-0.4	89.9	
AVG. MINIMUM			56.4	0.0	60.8	
MEAN	69.5		69.7	-0.2	75.3	
DAYS MAX >=	90 6		8.0	-2.0	16	
DAYS MAX <=			0.0	0.0	0	
DAYS MIN <= 3			0.0	0.0	0	
DAYS MIN <= 0	0 0		0.0	0.0	0	
PRECIPITATION	I (INCHES	)				
TOTALS	1.20	)	0.98	0.22	Т	
DAYS >= .01	3		5.6	-2.6	0	
DAYS >= .10	3		2.7	0.3	0	
DAYS >= .50	1		0.4	0.6	0	
DAYS >= 1.00	0		0.1	-0.1	0	
SNOWFALL (IN	CHES)					
TOTALS	0.0		0.0	0.0	0.0	
SINCE 7/1	35.5		56.2	-20.7	69.9	

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
DEGREE DAYS			NOTH IT	
HEATING TOTAL	39	46	-7	4
SINCE 7/1	5057	5607	-550	5460
COOLING TOTAL	180	187	-7	323
SINCE 1/1	242	237	5	393
COOLING TOTAL	180	187	-7	323

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## WIND (MPH)

AVERAGE WIND SPEED	7.9		
HIGHEST WIND SPEED/DIRECTION	36/250	DATE	06/12
HIGHEST GUST SPEED/DIRECTION	45/250	DATE	06/12

#### WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	3	RAIN	3
HAIL	0	SNOW	0
FOG	3	FOG W/VIS <= 1/4 MILE	0
HAZE	16		

- INDICATES NEGATIVE NUMBERS.
- R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



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